(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 4 March 2004 (04.03.2004)

PCT

(10) International Publication Number WO 2004/018345 A1

(51) International Patent Classification⁷: B67C 3/09, F16L 55/04

B67D 1/08,

(21) International Application Number:

PCT/SE2003/001295

(22) International Filing Date: 20 August 2003 (20.08.2003)

(25) Filing Language:

. 43.

Swedish

(26) Publication Language:

English

(30) Priority Data: 0202487-5

21 August 2002 (21:08.2002) SE

- (71) Applicant (for all designated States except US): ECO LEAN RESEARCH & DEVELOPMENT A/S [DK/DK]; Holbergsgade 14, DK-1057 Copenhagen K (DK).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): GUSTAFSSON, Per [SE/SE]; Strandpromenaden 1, S-237 34 Bjärred (SE).
- (74) Agent: AWAPATENT AB; Box 5117, S-200 71 Malmö (SE).

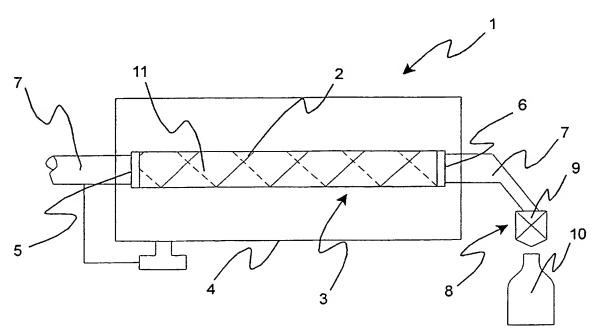
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE. IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,

[Continued on next page]

(54) Title: DEVICE FOR COMPENSATING FOR PRESSURE DROP



(57) Abstract: The invention relates to a device for compensating for pressure drop in a product pipe through which a liquid flows, and a system comprising such a device. The device comprises a collapsible tube portion, which is connectible to the product pipe, and is characterised by a limiting means, which is adapted to counteract stretching of the tube portion in the circumferential direction and which is adapted to allow free collapsing of the tube portion.